INTERNATIONAL SEARCH REPORT

PCT/IB2004/051948

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G10L19/14 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) G10L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. 1-28 EP 1 168 651 A (HITACHI LTD) 2 January 2002 (2002) paragraphs '0004! - '0007!, '0016 '0023! '0026!, '0029!, 2 January 2002 (2002-01-02) '0016! -**'0030!**, '0048!, '0049!, '0040!, '0067!, '0069!; figure 9 US 2003/161469 A1 (CHENG SZEMING ET AL) 1,16-20 X 28 August 2003 (2003-08-28) 2-8 figure 1 paragraphs '0003!, '0017!, '0034! GB 2 321 577 A (* BRITISH BROADCASTING 2-8 Y CORPORATION) 29 July 1998 (1998-07-29) pages 1,3,4,6; figure 2 page 8 -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the Invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. other means document published prior to the international filling date but tater than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 3 March 2005 11/03/2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Winne, D Fax: (+31-70) 340-3016

INTERNATIONAL SEARCH REPORT

PCT/IB2004/051948

C-(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	WO 02/49363 A (KENT RIDGE DIGITAL LABS; XU, CHANGSHENG) 20 June 2002 (2002-06-20) paragraphs '0002!, '0009!, '0022!, '0027!, '0028!, '0034!, '0037! - '0039!; figure 4	. 1		
A	'0027!, '0028!, '0034!, '0037! - '0039!; figure 4 US 2002/006203 A1 (TACHIBANA RYUKI ET AL) 17 January 200? (2002-01-17) the whole document	1-28		

INTERNATIONAL SEARCH REPORT

PCT/1B2004/051948

Patent document cited in search report		Publication date	Patent family member(s)			Publication date
EP 1168651	A	02-01-2002	JP EP US	2002014697 1168651 2002002412	A2	18-01-2002 02-01-2002 03-01-2002
US 2003161469	A1	28-08-2003	NONE			
GB 2321577	A	29-07-1998	AU AU CA DE DE EP ES WO JP	0958664	A A1 D1 T2 A2 T3 A2	01-11-2001 18-08-1998 30-07-1998 01-08-2002 27-02-2003 24-11-1999 01-12-2002 30-07-1998 03-07-2001
WO 0249363	A	20-06-2002	WO US	0249363 2004059918	-	20-06-2002 25-03-2004
US 2002006203	A1	17-01-2002	JP JP	3507743 2001184080		15-03-2004 06-07-2001